



September 30, 2006

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The Honorable Charles L.A. Terreni  
Chief Clerk & Administrator  
Public Service Commission of South Carolina  
ATTN: Docketing Department  
101 Executive Center Drive  
Columbia, South Carolina 29210

RE: Docket No. 2002-5-G – Annual Review of South Carolina Electric & Gas  
Company's Purchased Gas Adjustments and Gas Purchasing Policies.

Dear Mr. Terreni:

Order No. 2002-747 in the above docket directed South Carolina Electric & Gas Company ("SCE&G") to provide the Commission with quarterly updates related to its review of the benefits of diversifying its gas supply. This was reiterated in the Commission's Order No. 2003-652 dated November 17, 2003. Pursuant to those orders, enclosed for filing are ten (10) copies of the update, entitled "South Carolina Electric & Gas Company Natural Gas Supply Diversity Report, September 30, 2006." This report should be read in conjunction with the first report filed by SCE&G on March 31, 2003, and with all reports filed thereafter.

If there are any questions, please do not hesitate to contact me.

With kind regards,

Catherine D. Taylor

CDT/kms  
Enclosures

cc: Dan Arnett, ORS  
Mr. Brent Sires

**South Carolina  
Electric & Gas Company  
Natural Gas  
Supply Diversity Report  
September 30, 2006**

## **INTRODUCTION**

South Carolina Electric & Gas Company ("SCE&G") is a distributor of natural gas in South Carolina. SCE&G contracts with South Carolina Pipeline Company ("SCPC"), an intrastate pipeline operating wholly within South Carolina, for the purchase of all of its natural gas supplies and delivery within the state to SCE&G's 193 metered delivery points. SCE&G's purchases from SCPC are made under SCPC's tariffs and rates that are approved by the Public Service Commission of South Carolina ("Commission"). SCPC purchases gas in the interstate gas markets and transports it to South Carolina using interstate pipeline storage and transportation services that it holds to serve SCE&G and its other customers.

In an order dated October 28, 2002, the Commission required SCE&G to review the benefits of diversifying its gas supply, which would include consideration of the direct purchase of its own gas supply in the marketplace, and to provide the Commission with quarterly updates on such activities commencing in the first quarter of 2003.<sup>1</sup>

The Commission in an order dated November 17, 2003, instructed SCE&G to continue to file these quarterly updates.<sup>2</sup> This report has been prepared and filed in response to this Commission order. SCE&G files this Supply Diversification Report as a continuation of earlier reports filed at the end of each quarter from March 31, 2003 through June 30, 2006; as well as testimony filed by Dan Ives on behalf of SCE&G in its annual PGA Docket No. 2003-5-G.

## **GAS COST**

SCE&G has described in detail the method by which it buys 100% of its natural gas supplies from South Carolina Pipeline Corporation (SCPC). By contracting with a group of over 70 qualified natural gas marketers and producers and currently purchasing from

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<sup>1</sup> See Docket No. 2002-5-G – Order No. 2002-747, October 28, 2002

<sup>2</sup> See Docket No. 2003-5-G - Order No. 2003-652, November 17, 2003

some 30 of these, SCE&G believes that SCPC purchases its natural gas supply in a very diverse fashion, which in totality, is representative of the market as a whole.

SCE&G understands that SCPC continuously monitors the market price of gas in order to purchase prudently. The gas market over the last few years has experienced unprecedented volatility, and thus pricing has varied significantly. A purchaser of natural gas makes its decisions based on historical data, current pricing trends, and the needs of its customers in order to provide reliable, competitively priced supplies.

In its reply to Question No. 6 of PSC Data Request No. 1 in Docket 2003-5-G, SCE&G produced exhibits illustrating its monthly check of SCPC commodity purchase prices as compared to the indices of Inside FERC First of Month and Gas Daily Average. The period submitted encompassed September 2002 through July 2003. The attachments to this filing continue the same format of price comparison for the period of June 2006 through August 2006.

SCE&G believes SCPC's purchasing is consistent with competitive market pricing. Additionally, SCE&G experienced no supply failures during the review period indicating a continuing reliable supply of gas to meet SCE&G's load requirements.

## **NON-GAS COST**

### **Intrastate Infrastructure**

SCE&G, a distributor of natural gas in South Carolina, does not receive direct service from an interstate pipeline. The infrastructure to make the connection between the interstate pipe and the distribution pipe of SCE&G is provided by SCPC. SCPC not only provides this connection for SCE&G but also to a number of other Sales for Resale ("SFR") and industrial customers throughout South Carolina. In addition, SCPC uses two LNG facilities to provide peaking service in order to meet its customers' load requirements. The rates and terms of service applied to SCE&G for these facilities are made under SCPC tariffs that are approved by the Commission.

### **Interstate Infrastructure**

SCPC is currently connected to three interstate pipelines, Southern Natural Gas (“Southern”), SCG Pipeline and Transcontinental Gas Pipeline (“Transco”). Southern’s pipe terminates just inside the state at Aiken, SCG interconnects with SCPC’s system in Jasper County, South Carolina and Transco passes through the northwestern side of South Carolina with its main point of interconnection at Grover in the up-state. SCPC has firm contracts with the Southern and Transco pipelines for Firm Transportation (“FT”) and storage service to serve its SFR and industrial customers. The interconnection with the SCG pipeline will provide an additional source of gas primarily from the Elba Island LNG facility located in Savannah, Georgia. The rates and terms of service applied to SCPC for these services are set and approved by the Federal Energy Regulatory Commission (FERC).

### **SCPC’s Other Services**

SCPC provides an Industrial Sales Program and a Hedging Program. Both of these programs are part of its tariff and have Commission oversight and approval. These programs are reviewed in SCPC’s annual review of its purchased gas cost.

### **SUMMARY**

The non-gas charges that SCPC has included in its tariff are set and approved by the Commission or the FERC and therefore are charged uniformly to all similarly situated customers. These include the recovery of costs that are necessarily incurred regardless of who purchases the commodity. The commodity cost of gas, based on SCE&G’s continuous review and that of the Commission, is purchased from a diverse and open marketplace at prices consistent with market conditions. SCE&G believes that if it purchased its own gas, it would purchase gas in a very similar manner to SCPC, from the same producers as SCPC, in accordance with the same pricing indices as SCPC, transport on the same interstate pipelines as SCPC, and also transport on SCPC to SCE&G’s delivery points.

# **ATTACHMENTS**

## June-06

\* These are SCPC's Commodity Purchases for the Month - This Data is taken from their Form 1 "Gas Inputs to System and Derivation of Cost of Gas" and includes Index Premiums, Shrinkage, Interstate Commodity Mark-ups, ACA, GRI and SCRM adders.

Jun-06				
	Purchased		Price	Cost
SNG-1	117,618	\$	6.7899	\$ 798,618.50
SNG-2	80,027	\$	6.5888	\$ 527,281.94
SNG-3	80,037	\$	6.3835	\$ 510,920.16
SNG-4	191,588	\$	6.2371	\$ 1,194,951.05
SNG-5	2,694,221	\$	6.0709	\$ 16,356,470.06
SNG-6	269,133	\$	5.9906	\$ 1,612,261.37
Transco-1	275,587	\$	6.2592	\$ 1,724,965.60
Transco-2	439,453	\$	6.1792	\$ 2,715,477.49
Transco-3	98,607	\$	6.0266	\$ 594,262.68
Transco-4	30,867	\$	6.0266	\$ 186,022.35
<b>Total</b>	<b>4,277,138</b>			<b>\$ 26,221,231.20</b>
<b>Wtd Price</b>				<b>\$ 6.1306</b>

Below are published indices that are reviewed by SCE&G in order to monitor SCPC's commodity purchase price and have been adjusted to include: Index Premiums, Shrinkage, Interstate Commodity Mark-ups, ACA, GRI and SCRM adders.

### First of Month Prices

Source	Location	Jun-06
Inside FERC	Southern Natural Gas-LA 0001	\$ 6.10
Inside FERC	Transco-Zone 1 0811	\$ 5.93
Inside FERC	Transco-Zone 2 0821	\$ 6.08
Inside FERC	Transco-Zone 3 0831	\$ 6.22
Inside FERC	Transco-Zone 4 0841	\$ 6.38

### Gas Daily Average Prices

Date		Southern Natural La. Daily		Transco Z1 Daily		Transco Z2 Daily		Transco Z3 Daily
1-Jun-2006	\$	6.1829	\$	5.8921	\$	6.1062	\$	6.3356
2-Jun-2006	\$	6.4344	\$	6.2744	\$	6.4019	\$	6.5599
3-Jun-2006	\$	6.4036	\$	6.1979	\$	6.3356	\$	6.5446
4-Jun-2006	\$	6.4036	\$	6.1979	\$	6.3356	\$	6.5446
5-Jun-2006	\$	6.4036	\$	6.1979	\$	6.3356	\$	6.5446
6-Jun-2006	\$	6.5422	\$	6.4681	\$	6.4120	\$	6.6465
7-Jun-2006	\$	6.2650	\$	6.1011	\$	6.1724	\$	6.3662
8-Jun-2006	\$	6.0289	\$	5.7901	\$	5.9430	\$	6.0807
9-Jun-2006	\$	6.0340	\$	5.9889	\$	6.0042	\$	6.1266
10-Jun-2006	\$	6.3061	\$	6.1775	\$	6.2081	\$	6.3407
11-Jun-2006	\$	6.3061	\$	6.1775	\$	6.2081	\$	6.3407
12-Jun-2006	\$	6.3061	\$	6.1775	\$	6.2081	\$	6.3407
13-Jun-2006	\$	6.2393	\$	6.1419	\$	6.1317	\$	6.2999
14-Jun-2006	\$	6.1264	\$	6.0093	\$	6.0399	\$	6.1928
15-Jun-2006	\$	6.2650	\$	6.1062	\$	6.1724	\$	6.3611
16-Jun-2006	\$	6.6500	\$	6.5191	\$	6.5803	\$	6.7536
17-Jun-2006	\$	7.2660	\$	7.0085	\$	7.1614	\$	7.3501
18-Jun-2006	\$	7.2660	\$	7.0085	\$	7.1614	\$	7.3501
19-Jun-2006	\$	7.2660	\$	7.0085	\$	7.1614	\$	7.3501
20-Jun-2006	\$	6.9067	\$	6.7485	\$	6.9422	\$	7.1105
21-Jun-2006	\$	6.8245	\$	6.7485	\$	6.8199	\$	6.9932
22-Jun-2006	\$	6.7219	\$	6.6262	\$	6.7485	\$	6.9473
23-Jun-2006	\$	6.7321	\$	6.6160	\$	6.7077	\$	6.8963
24-Jun-2006	\$	6.2958	\$	6.1164	\$	6.2183	\$	6.4069
25-Jun-2006	\$	6.2958	\$	6.1164	\$	6.2183	\$	6.4069
26-Jun-2006	\$	6.2958	\$	6.1164	\$	6.2183	\$	6.4069
27-Jun-2006	\$	6.0751	\$	5.8309	\$	6.0195	\$	6.2030
28-Jun-2006	\$	6.1572	\$	5.9634	\$	6.1215	\$	6.3152
29-Jun-2006	\$	6.2701	\$	6.1164	\$	6.2387	\$	6.4579
30-Jun-2006	\$	6.4755	\$	6.2387	\$	6.2948	\$	6.5956

## July-06

\* These are SCPC's Commodity Purchases for the Month - This Data is taken from their Form 1 "Gas Inputs to System and Derivation of Cost of Gas" and includes Index Premiums, Shrinkage, Interstate Commodity Mark-ups, ACA, GRI and SCRM adders.

Jul-06				
	Purchased		Price	Cost
SNG-1	214,887	\$	6.5710	\$ 1,412,033.02
SNG-2	3,188,159	\$	6.0319	\$ 19,230,592.92
SNG-3	270,712	\$	5.9492	\$ 1,610,528.55
SNG-4	39,288	\$	5.6093	\$ 220,378.10
Transco-1	1,272	\$	8.0810	\$ 10,279.05
Transco-2	35,831	\$	7.5844	\$ 271,758.39
Transco-3	52,991	\$	7.0274	\$ 372,390.10
Transco-4	79,171	\$	6.5203	\$ 516,218.57
Transco-5	512,337	\$	6.2002	\$ 3,176,577.89
<b>Total</b>	<b>4,394,648</b>			<b>\$ 26,820,756.59</b>
<b>Wtd Price</b>				<b>\$ 6.1031</b>

Below are published indices that are reviewed by SCE&G in order to monitor SCPC's commodity purchase price and have been adjusted to include: Index Premiums, Shrinkage, Interstate Commodity Mark-ups, ACA, GRI and SCRM adders.

### First of Month Prices

Source	Location	Jul-06
Inside FERC	Southern Natural Gas-LA 0001	\$ 6.06
Inside FERC	Transco-Zone 1 0811	\$ 5.88
Inside FERC	Transco-Zone 2 0821	\$ 6.06
Inside FERC	Transco-Zone 3 0831	\$ 6.17
Inside FERC	Transco-Zone 4 0841	\$ 6.36

### Gas Daily Average Prices

Date	Southern Natural La Daily		Transco Z1 Daily		Transco Z2 Daily		Transco Z3 Daily	
1-Jul-2006	\$	6.0237	\$	5.7748	\$	5.8615	\$	6.0960
2-Jul-2006	\$	6.0237	\$	5.7748	\$	5.8615	\$	6.0960
3-Jul-2006	\$	6.0237	\$	5.7748	\$	5.8615	\$	6.0960
4-Jul-2006	\$	6.0237	\$	5.7748	\$	5.8615	\$	6.0960
5-Jul-2006	\$	6.0237	\$	5.7748	\$	5.8615	\$	6.0960
6-Jul-2006	\$	5.9365	\$	5.6729	\$	5.7697	\$	6.0093
7-Jul-2006	\$	5.4744	\$	5.1937	\$	5.3313	\$	5.5454
8-Jul-2006	\$	5.3718	\$	5.2242	\$	5.2905	\$	5.4791
9-Jul-2006	\$	5.3718	\$	5.2242	\$	5.2905	\$	5.4791
10-Jul-2006	\$	5.3718	\$	5.2242	\$	5.2905	\$	5.4791
11-Jul-2006	\$	5.5001	\$	5.3364	\$	5.4129	\$	5.5760
12-Jul-2006	\$	5.7773	\$	5.7085	\$	5.6423	\$	5.8666
13-Jul-2006	\$	5.9878	\$	5.9074	\$	5.8870	\$	6.1623
14-Jul-2006	\$	6.3266	\$	6.0195	\$	6.1724	\$	6.4528
15-Jul-2006	\$	6.6038	\$	6.3152	\$	6.4375	\$	6.7689
16-Jul-2006	\$	6.6038	\$	6.3152	\$	6.4375	\$	6.7689
17-Jul-2006	\$	6.6038	\$	6.3152	\$	6.4375	\$	6.7689
18-Jul-2006	\$	6.7578	\$	6.3152	\$	6.7434	\$	7.1156
19-Jul-2006	\$	6.7270		N/A	\$	6.4528	\$	6.7536
20-Jul-2006	\$	6.5884	\$	5.8513	\$	6.2336	\$	6.5140
21-Jul-2006	\$	6.4806	\$	6.0399	\$	6.3509	\$	6.5395
22-Jul-2006	\$	6.2342	\$	5.6015	\$	6.2489	\$	6.3101
23-Jul-2006	\$	6.2342	\$	5.6015	\$	6.2489	\$	6.3101
24-Jul-2006	\$	6.2342	\$	5.6015	\$	6.2489	\$	6.3101
25-Jul-2006	\$	6.7629	\$	6.1877	\$	6.6873	\$	6.8709
26-Jul-2006	\$	7.2096	\$	6.8454	\$	7.1156	\$	7.2583
27-Jul-2006	\$	7.1274	\$	6.7842	\$	7.0595	\$	7.1461
28-Jul-2006	\$	7.4816	\$	7.0238	\$	7.4826	\$	7.5489
29-Jul-2006	\$	7.7126	\$	7.1920	\$	7.6916	\$	7.9006
30-Jul-2006	\$	7.7126	\$	7.1920	\$	7.6916	\$	7.9006
31-Jul-2006	\$	7.7126	\$	7.1920	\$	7.6916	\$	7.9006



## August-06

\* These are SCPC's Commodity Purchases for the Month - This Data is taken from their Form 1 "Gas Inputs to System and Derivation of Cost of Gas" and includes Index Premiums, Shrinkage, Interstate Commodity Mark-ups, ACA, GRI and SCRM adders.

Aug-06				
	Purchased		Price	Cost
SNG-1	212,547	\$	7.7644	\$ 1,650,296.90
SNG-2	3,695,053	\$	7.2883	\$ 26,930,623.27
SNG-3	75,215	\$	7.0760	\$ 532,222.22
SNG-4	46,713	\$	6.6936	\$ 312,678.36
Transco-1	33,206	\$	9.9216	\$ 329,456.23
Transco-2	50,612	\$	9.6862	\$ 490,239.01
Transco-3	53,978	\$	8.7732	\$ 473,557.21
Transco-4	32,409	\$	8.3347	\$ 270,118.18
Transco-5	420,179	\$	7.5486	\$ 3,171,763.39
Transco-6	19,826	\$	7.2546	\$ 143,829.80
Transco-7	164,597	\$	7.1897	\$ 1,183,403.42
Transco-8	23,475	\$	6.9110	\$ 162,236.26
<b>Total</b>	<b>4,827,810</b>			<b>\$ 35,488,187.99</b>
<b>Wtd Price</b>				<b>\$ 7.3508</b>

Below are published indices that are reviewed by SCE&G in order to monitor SCPC's commodity purchase price and have been adjusted to include: Index Premiums, Shrinkage, Interstate Commodity Mark-ups, ACA, GRI and SCRM adders.

### First of Month Prices

Source	Location	Aug-06
Inside FERC	Southern Natural Gas-LA 0001	\$ 7.34
Inside FERC	Transco-Zone 1 0811	\$ 7.06
Inside FERC	Transco-Zone 2 0821	\$ 7.27
Inside FERC	Transco-Zone 3 0831	\$ 7.48
Inside FERC	Transco-Zone 4 0841	\$ 7.59

### Gas Daily Average Prices

Date		Southern Natural La. Daily		Transco Z1 Daily		Transco Z2 Daily		Transco Z3 Daily
1-Aug-2006	\$	8.9447	\$	7.7477	\$	8.3696	\$	8.7673
2-Aug-2006	\$	9.5812	\$	8.4308	\$	8.9916	\$	9.5625
3-Aug-2006	\$	10.0535	\$	8.2218	\$	9.1241	\$	9.8327
4-Aug-2006	\$	8.5905	\$	7.1767	\$	8.0383	\$	8.6194
5-Aug-2006	\$	8.1387	\$	7.0799	\$	7.7630	\$	8.2371
6-Aug-2006	\$	8.1387	\$	7.0799	\$	7.7630	\$	8.2371
7-Aug-2006	\$	8.1387	\$	7.0799	\$	7.7630	\$	8.2371
8-Aug-2006	\$	7.5689	\$	6.7179	\$	7.2940	\$	7.6304
9-Aug-2006	\$	7.5638	\$	6.9218	\$	7.3093	\$	7.5744
10-Aug-2006	\$	8.1284	\$	7.5642	\$	7.8395	\$	8.0943
11-Aug-2006	\$	8.4519	\$	7.9006	\$	8.0587	\$	8.3798
12-Aug-2006	\$	7.8974	\$	7.4826	\$	7.5285	\$	7.7324
13-Aug-2006	\$	7.8974	\$	7.4826	\$	7.5285	\$	7.7324
14-Aug-2006	\$	7.8974	\$	7.4826	\$	7.5285	\$	7.7324
15-Aug-2006	\$	7.1274	\$	6.8607	\$	6.9575	\$	7.1207
16-Aug-2006	\$	7.1377	\$	6.9473	\$	7.0085	\$	7.1716
17-Aug-2006	\$	7.2866	\$	7.0493	\$	7.1614	\$	7.4112
18-Aug-2006	\$	7.0299	\$	6.7485	\$	6.9320	\$	7.1207
19-Aug-2006	\$	6.9478	\$	6.6415	\$	6.8352	\$	6.9728
20-Aug-2006	\$	6.9478	\$	6.6415	\$	6.8352	\$	6.9728
21-Aug-2006	\$	6.9478	\$	6.6415	\$	6.8352	\$	6.9728
22-Aug-2006	\$	7.0248	\$	6.9116	\$	7.0289	\$	7.2073
23-Aug-2006	\$	7.1788	\$	6.9932	\$	7.1716	\$	7.4112
24-Aug-2006	\$	7.5894	\$	7.1971	\$	7.3806	\$	7.5336
25-Aug-2006	\$	7.5227	\$	7.1869	\$	7.2481	\$	7.5540
26-Aug-2006	\$	7.6151	\$	7.2226	\$	7.2430	\$	7.6712
27-Aug-2006	\$	7.6151	\$	7.2226	\$	7.2430	\$	7.6712
28-Aug-2006	\$	7.6151	\$	7.2226	\$	7.2430	\$	7.6712
29-Aug-2006	\$	6.8605	\$	6.3917	\$	6.4477	\$	6.8352
30-Aug-2006	\$	6.6705	\$	6.2438	\$	6.2285	\$	6.7077
31-Aug-2006	\$	6.7475	\$	6.2642	\$	6.1470	\$	6.6465